


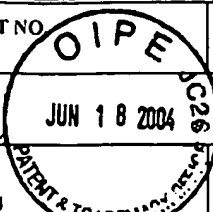
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Horizontal Bore Cryogenic Drilling Method						
<div>Application Number : 10/774678 </div> <div>Confirmation Number: 9441</div> <div>First Named Applicant: Thomas MILLER</div> <div>Attorney Docket Number: CH2M.45</div> <div>Art Unit: 3672</div> <div>Examiner: Frank TSAY</div> <div>Search string: (6782947).pn</div>							
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
77	1	6782947	2004-08-31	de Rouffignac			
Signature							
Examiner Name				Date			
Frank Tsay				8/23/05			

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE List of Information Cited by Applicant Page 1 of 1	ATTY. DOCKET NO. CH2M.45		SERIAL NO. 10/774,678
	APPLICANT MILLER ET AL		
	FILING DATE February 9, 2004	GROUP 3672	

U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB- CLS	FILE DATE
7	AA	1,906,771	05/02/1933	SANDSTONE			
	AB	2,621,022	12/09/1952	BARDILL			
	AC	2,193,219	03/12/1940	BOWIE			
	AD	2,812,160	11/05/1957	WEST			
	AE	2,905,444	09/22/1959	SHEPARD			
	AF	2,915,285	12/01/1959	DEILY			
	AG	3,422,892	01/21/1969	BRYANT, JR.			
	AH	3,223,186	12/14/1965	LUMMUS			
	AI	3,424,254	01/28/1969	HUFF			
	AJ	3,612,192	10/12/1971	MAGUIRE, JR.			
7	AK	3,650,337	03/21/1972	ANDREWS			
	AL	3,720,065	03/13/1973	SHERARD			
	AM	3,774,701	11/27/1973	WEAVER			
	AN	4,191,266	03/04/1980	VAN EEK			
	AO	4,287,957	09/08/1981	EVANS			
	AP	4,516,878	05/14/1985	REBHAN			
	AQ	4,997,047	03/05/1991	SCHROEDER			
	AR	5,388,650	02/14/1995	MICHAEL			
	AS	5,701,963	12/30/1997	MCCORMICK			
	AT	5,715,895	02/10/1998	CHAMPNESS			
	AU						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB CLS	TRANS ?
	AV						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
7	AW	Cavagnaro, <i>et al.</i> , "A Successful Borehole drilled by Cryogenic Drilling in an Arid Unconsolidated Soil with Boulders" submitted for Presentation at the Energy Week Conference and Exhibit on January 28-30, 1997
	AX	Cooper & Simon, "Filed Test of the Cryogenic Method for Environmental Well Installation" presented at the 1995 ASME Energy-Sources Technology Conference and Exhibition, Houston, Texas, 29 Jan - Feb 1, 1995
	AY	Innovative Technology Summary Report, "Cryogenic Drilling, Subsurface Contaminants Focus Area," prepared for U.S. Department of Energy Office of Environmental Management Office of Science and Technology, October 1998
	AZ	Simon & Cooper, "Use of Cryogenic Fluids for Environmental Drilling in Unconsolidated Formations" published in ASME (American Society of Mechanical Engineering) Energy Sources Technology Conference and Exhibition, New Orleans, Louisiana, 23-26, Jan. 1994
7	AAA	Simon & Cooper, "Cryogenic Drilling: A New Method for Environmental Remediation" published in Ground Water Monitoring and Remediation, 1996, p. 79-85
	ABB	Vermeer website at www.vermeer.com/equipment/directional_boring/ (printed 12/5/2003)
EXAMINER <i>Free</i>		DATE CONSIDERED <i>8/2/05</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		